

SUPPLEMENTAL LABELING

Alude™ Systemic Fungicide

EPA Registration No. 71962-1-1001

Now For Use on Listed Vegetables grown as transplants or ornamentals

DIRECTIONS FOR USE ON VEGETABLES

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Read this label and the product package label before using this product. This Supplemental Labeling must be in the possession of the user at the time of pesticide use. Follow all other applicable directions, restrictions and precautions on the registered product label.

Alude™ Systemic Fungicide may be used for the effective control of various plant diseases on the following vegetable groups: Cucurbits, Fruiting Vegetables, and Leafy Vegetables. See tables below for complete description of crop, disease and application information.

AGRICULTURAL APPLICATIONS

BRASSICAS

Use Alude for effective control of downy mildew in brassicas such as, but not limited to, broccoli, Brussel sprouts. Cabbage, cauliflower, cavolo broccolo, collards, Chinese cabbage, Chinese mustard cabbage, kale, kohlrabi, mizuna, mustard greens, mustard spinach and rape greens.

Disease	Application Method	Rate	Application Program
Downy Mildew (<i>Peronospora parasitica</i>)	Foliar spray	1 ¼ quarts per acre in 25 gallons of water per acre to 2 ½ quarts per acre in 250 gallons of water per acre California: 1 ¼ quarts per acre in 100 gallons of water to 2 ½ quarts per acre in 185 gallons of water	1 to 3 week intervals between applications when conditions favor disease development (cool, moist weather). Use higher rates and shorter intervals when disease pressure increases.

CUCURBITS

Use ALUDE® for effective control of sudden wilt, gummy stem blight, and downy mildew diseases in cucurbits grown in field situations such as, but not limited to, cucumber, Chinese waxgourd, citron melon, gherkin rock melon, honeydew melon, pumpkin, zucchini, watermelon and squash (summer and winter), momordica spp balsam apple, balsam pear, bitter melon, and Chinese cucumber.

Disease	Application Method	Rate	Application Program
Sudden wilt – Root and fruit rot (Phytophthora spp)	Foliar spray	Apply 1¼ quarts per acre in 40 gallons of water.	Entire spray coverage of plant is required. Do not exceed a total of 6 applications per season.
Gummy stem blight (Mycosphaerella melonis)			Apply when disease is evident. Continue applications at 21 day intervals until cure is apparent. Do not exceed a total of 6 applications per season.
Downy mildew (Pseudoperonospora cubensis)		Apply within 7 to 10 days of infection. Repeat as necessary. Do not exceed a total of 6 applications per season.	

CUCURBITS, TANK MIXTURES*

For the effective control of downy mildew diseases, tank-mix ALUDE® with a mancozeb-containing fungicide and apply to cucurbits.

Product	Disease	Rate Per Acre	Application Program
ALUDE® + mancozeb-containing fungicide	Downy mildew	Light to medium foliage cover: Apply 1¼-2 quarts of product per acre.	Apply as a foliar spray the indicated quantity and dilution rates with water of both products. For best results apply ALUDE as a tank mix with protectant fungicides such as mancozeb, copper oxychloride, etc., to ensure both pre- and post- infection activity.
		Heavy foliage cover: Apply 3 quarts of product per acre + Label rate of mancozeb	

*Not for use in California.

FRUITING VEGETABLES*

Use ALUDE® for effective control of damping-off, root rot, and gummy stem blight diseases in egg plant, tomatoes, tomatillos, and peppers such as, but not limited to, bell, chili, cooking, pimento, and sweet.

Disease	Application Method	Rate	Application Program
Eggplant: Pythium and Phytophthora spp, and Gummy stem blight (Mycosphaerella melonis)	Foliar spray	Apply 1¼ quarts per acre in 40 gallons of water.	Entire spray coverage of plant is required. Do not exceed a total of 6 applications per season. Apply when disease is evident. Continue applications at 21-day intervals until cure is apparent. Do not exceed a total of 6 applications per season.
Peppers: Late blight and root rot (Phytophthora infestans and Phytophthora spp)		1½ quarts per acre in 25 gallons of water to 2 quarts per acre in 250 gallons of water	First application at transplant or when direct seeded crops are at 2-4 true leaf, then at one to two week intervals as required to control disease. In high disease situations use higher rates and shorter spray intervals.
Tomatoes/Tomatillos: Late blight and root rot (Phytophthora infestans and Phytophthora spp)		1½ quarts per acre in 25 gallons of water to 2 quarts per acre in 250 gallons of water California: 1¼ quarts per acre in 90 gallons of water	First application at transplant or when direct seeded crops are at 2-4 true leaf, then at one to two week intervals as required to control disease. In high disease situations use higher rates and shorter spray intervals

*Use in California limited to tomatoes and tomatillos.

LEAFY VEGETABLES*

Use ALUDE® for effective control of downy mildew in leafy vegetables such as, but not limited to, amaranth, arugula, cardoon, celery, chervil, corn salad, endive, fennel, lettuce, parsley, radicchio, rhubarb, spinach, and Swiss chard. Excludes Brassica vegetables.

Disease	Application Method	Rate	Application Program
Downy mildew (Bremia lactucae)	Foliar spray	½ gallon per acre in 40 gallons water	Ensure spray coverage is adequate to wet the whole plant. During warm, wet conditions repeat application at 7 to 10 day intervals, if needed.

*Use in California limited to lettuce.

LEGUMES*

Use ALUDE® for effective control of damping-off and root rot diseases in legumes (succulent and dried) such as, but not limited to, green beans, soybeans, wax beans, field beans, navy beans, lima beans, fava beans, kidney beans, pinto bean, mung beans, broad beans, lentils, chickpeas, English peas, snow peas, sugar snap peas, black-eyed peas, cow peas, and pigeon peas.

Disease	Application Method	Rate	Application Program
Phytophthora and Pythium spp	Foliar spray	1½ quarts per acre in 25 gallons of water to 2 quarts per acre in 250 gallons of water.	Apply at 14-day intervals after plant emergence, as needed. Assure good coverage.

*Not for use in California.

OKRA*

Use ALUDE® for effective control of damping-off and root rot diseases in okra.

Disease	Application Method	Rate	Application Program
Phytophthora and Pythium spp	Foliar spray	1½ quarts per acre in 25 gallons of water to 2 quarts per acre in 250 gallons of water.	Apply at 14-day intervals after plant emergence, as needed. Assure good coverage.

*Not for use in California.

ONIONS

Use ALUDE® for effective control of downy mildew disease in onions, garlic, shallots, and leeks. Use as a preventative control program for best results.

Disease	Application Method	Rate	Application Program
Downy mildew (Peronospora destructor)	Foliar spray	2 quarts per acre in 100 gallons water per acre	As a regular preventative control program or when disease first appears.

*Not for use in California.

ONIONS, TANK MIXTURES*

For the effective control of downy mildew diseases, tank-mix ALUDE® with a mancozeb-containing fungicide and apply to onions, garlic and shallots.

Product	Disease	Rate Per Acre	Application Program
ALUDE® + mancozeb-containing fungicide	Downy mildew	2 quarts per acre in 100 gallons water per acre + Label rate of mancozeb	Apply as a foliar spray the indicated quantity and dilution rates with water of both products. For best results, apply ALUDE as a tank mix with protectant fungicides such as mancozeb to ensure both pre- and post-infection activity

*Not for use in California.

ROOT AND TUBER VEGETABLES*

Use ALUDE® for effective control of foliar and root rot in ginseng, damping-off and root rot diseases in carrots, and late blight disease and storage diseases such as pink rot and pythium leak in potatoes, sweet potatoes, and yams.

Disease	Application Method	Rate	Application Program
Ginseng: Foliar and root rot (Phytophthora cactorum)	Foliar spray	2½ quarts in 100 gallons of water	In cool wet conditions that favor Phytophthora. Apply at 7 day intervals. Do not exceed a total of 8 applications per season.
Carrots: Phytophthora and Pythium spp	Foliar Spray	1½ quarts per acre in 25 gallons of water to 2 quarts per acre in 250 gallons of water	Apply at 14-day intervals after plant emergence, as needed. Assure good coverage.
Potatoes, Sweet Potatoes, Yams: Late blight, Pink rot and Pythium leak(Phytophthora infestans, Phytophthora erythroseptica and Pythium spp)	Foliar spray	1¼ quarts per acre in 90-375 gallons water per acre	Apply at 5 to 14 day intervals subject to disease incidence.

*Use in California limited to potatoes, sweet potatoes, and yams.

KEEP OUT OF REACH OF CHILDREN

CAUTION

For First Aid and other Precautionary Statements, see label attached to container.

Cleary Chemical Corporation
 178 Ridge Road
 Dayton, NJ 08810
 (800) 524-1662
www.clearychemical.com

